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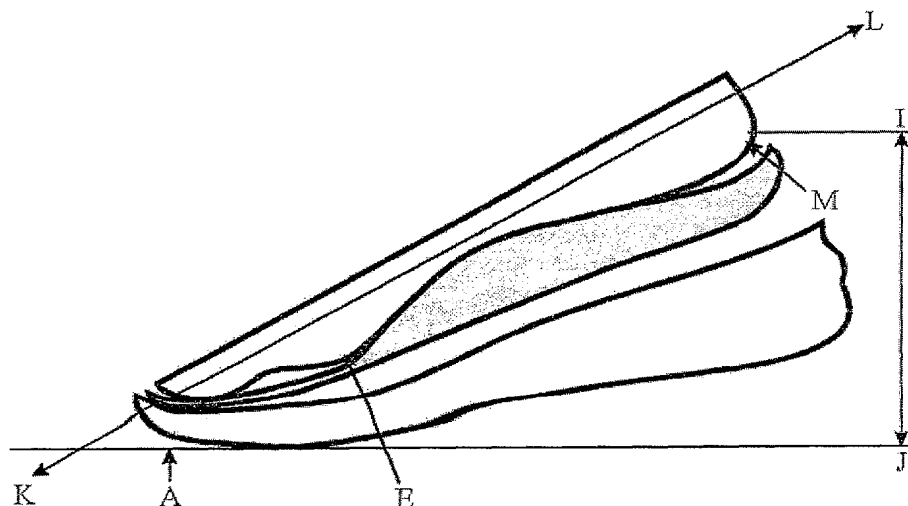
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[Continued on next page]

(54) Title: ORTHOPEDIC INSOLES FOR PROTECTING SKIN FROM STRETCHING AND CRACKING IN THE AREA OF  
THE FIVE METATARSAL HEADS OF THE FOREFOOT



(57) Abstract: A specially designed insert for orthopedic insoles and a process for manufacturing said insole, the use of which prevents the foot from bending excessively at the metatarsal joints, thereby protecting the skin in the area of the metatarsal heads of the forefoot on the bottom of the foot and preventing that skin from stretching, cracking or being otherwise damaged. The heel reaches a height (M) along a line between one point (I) and another (J). A step is completed when the user's toes reach the ground (A), with significantly reduced bending of the foot at the area of the five metatarsal heads of the forefoot. Along a line between one point (K) and another point (L), the foot remains relatively straight throughout the entire process of taking a step. The metatarsal head (E) exhibits minimal bending.



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# INTERNATIONAL SEARCH REPORT

International application No.

PCT/IL04/00822

| <b>A. CLASSIFICATION OF SUBJECT MATTER</b><br>IPC(7) : B29C 33/40; A43B 13/38<br>US CL : 264/219, 222, 223; 36/43<br>According to International Patent Classification (IPC) or to both national classification and IPC   |   |  |
|--|---|--|
| <b>B. FIELDS SEARCHED</b><br>Minimum documentation searched (classification system followed by classification symbols)<br>U.S. : 264/219, 222, 223; 36/43<br>Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched<br>Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) |   |  |
| <b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>  |   |  |
| Category *   | Citation of document, with indication, where appropriate, of the relevant passages  | Relevant to claim No.  |
| X  | US 4,702,255 (SCHENKL) 27 October 1987 (27.10.1987), entire document.   | 1-8  |
| <input type="checkbox"/> Further documents are listed in the continuation of Box C. <input type="checkbox"/> See patent family annex.  |   |  |
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| "A"  | document defining the general state of the art which is not considered to be of particular relevance  | "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention  |
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| "O"  | document referring to an oral disclosure, use, exhibition or other means  | "&" document member of the same patent family  |
| "P"  | document published prior to the international filing date but later than the priority date claimed  |  |
| Date of the actual completion of the international search<br>30 October 2005 (30.10.2005)  |   | Date of mailing of the international search report<br><b>16 NOV 2005</b>   |
| Name and mailing address of the ISA/US<br>Mail Stop PCT, Attn: ISA/US<br>Commissioner for Patents<br>P.O. Box 1450<br>Alexandria, Virginia 22313-1450<br>Facsimile No. (703) 305-3230  |   | Authorized officer<br>Michael Colaianni<br>Telephone No. 571-272-1100<br><b>DEBORAH A. THOMAS</b><br><b>PARALEGAL SPECIALIST</b><br><b>GROUP 1380</b><br><i>DA</i>   |

## INTERNATIONAL SEARCH REPORT

International application No.

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### Continuation of Item 4 of the first sheet:

The previously given title is not short (preferable 2-7 words) and contains a misspelled word. This text of the suggested new title is:

Orthopedic Insoles for Protectinc Skin from Stretching and Cracking in the Area of the Five Metatarsal Heads of the Forefoot